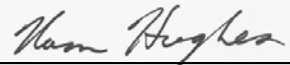


1. TREES MUST BE PLANTED OUT OF THE SWALE BOTTOM (CHANNEL) AND AT LEAST 8 INCHES HIGHER THAN ADJACENT CHANNEL BOTTOM OR DOWNSTREAM CHECK DAM.
2. UNLESS OTHERWISE APPROVED, PLANT SPECIES MUST COMPLY WITH THE BAY AREA STORMWATER MANAGEMENT AGENCIES ASSOCIATION (BASMAA) DESIGN GUIDELINES AND OTHER CITY REQUIREMENTS.
3. WHERE TREES ARE NOT REQUIRED OR WHERE TREES ARE PLANTED IN PARKING LOT ISLANDS OUTSIDE OF SWALES, WIDTH OF SWALE MAY BE LESS THAN 10 FEET PER ENGINEERING REVIEW AND APPROVAL.
4. INSTALL COBBLES OR EROSION CONTROL MEASURES AT CURB OPENINGS AS REQUIRED.
5. GRASSES OR GROUNDCOVER PLANTS MUST HAVE A MINIMUM DESIGN HEIGHT OF 6 INCHES.
6. TREES SHALL BE LOCATED MINIMUM 15 FEET CLEAR FROM INLETS, ALIGNED WITH STALL STRIPING, AND NOT ADJACENT TO CURB OPENINGS (LOCATE TREES AND CURB OPENINGS AT ALTERNATE STALL STRIPES).
7. ON VEGETATED SWALES, INCLUDE A SINGLE STRIP OF RED FESCUE SOD ALONG THE FLOW LINE TO PROTECT FOR EROSION DURING PLANT ESTABLISHMENT.

			<b>CITY OF FREMONT</b> <b>STANDARD DETAILS</b> <b>CITY STANDARD</b> <b>VEGETATED AND GRASSY</b> <b>BIOSWALE WITH TREES</b>			DATE APPROVED BY CITY COUNCIL 04/11/06	
						RESOLUTION NO. 2006-31	
						 CITY ENGINEER	
						DWG NO. LSD-11	
NO.	REVISED	DATE				11 of 27	
REVISIONS							
FILE NO. LSD-11.DWG		SCALE 3/16" = 1'-0"	DRAWN AK/MM/PM	CHECKED RER	DATE NOV. 2005		